Samyuctaa Sriram

877-893-6694   samyuctaasriram@gmail.com

Academics

B.E in Computer Science & Engineering
Expected Year of Passing: Summer 2026
International Student
College of Engineering, Guindy
CGPA: 8.65

XII (CBSE) : 95%
X (CBSE) : 95%

Projects (Personal Initiatives)

- IIT Bombay Eyantra Drone Designing
- Event Management App
- Formula One Winner Predictor
- Yelp Sentiment Analysis
- Shakespeare LLM
- GitHub: Click Here

Technical Skills

- Python, JavaScript, HTML5, CSS3, C,Numpy, Scikit-Learn
- SQL, Matplotlib, Excel
- Language Model Engineering, ML Algorithm Design
- Beautiful Soup, API Integration (Ergast, Yelp), Selenium

Soft Skills

- Collaboration and Networking
- Cost Optimization
- Problem Solving
- Communication and Mentorship
- Adaptability and Strategic Thinking

Leadership & Campus Impact

Associate Head of Hacks: Since July 2023
Computer Society of Anna University
CEG, Chennai

Head Of Operations : May – July 2023
The Literary Club
CEG, Chennai

Head Of Contents : June 2023
The Assoc of Computing Machinery
CEG, Chennai

School Pupil Leader : 2018 to 2019
Chaitanya Techno School
Hosur

Social Media

Linked In: Click Here

Summary

Resilient and impact-driven computer science student with hands-on experience solving real-world production issues at Visa. Passionate about building inclusive, scalable tech and growing through continuous learning and leadership.

Work Experience

Software Engineering Intern – Visa Inc.

June *2025 – Aug 2025, Bangalore*

- Built a custom **security issue dashboard** using multiple APIs with advanced filtering, partial-text search, CSV/JSON export, and visual analytics for faster issue triage.
- Re-designed **Splunk email logging and query tracking** for 16 common errors, improving debugging across both production and non-production environments.
- Developed an **interactive log analysis dashboard**:
    - Parses Splunk logs into **Mermaid flow diagrams** and summarizes key fields.
    - Includes an **NLP-powered log retriever**, **log classifier with dropdowns**, and **customizable GenAI queries** for quick analysis.
    - Supports loading multiple logs within a session.
- Proposed a **patent idea** on optimizing semantic prompting for LLMs in log analysis.
- Explored **multi-agent architectures** and **AST-based RAG models** to enhance code understanding and trace execution chains.
- Contributed to team documentation (**FX New Member Onboarding Wiki**) and supported testing of internal tools (React19 portal).
- Resolved **18 production bugs** and supported **data migration** between SQL and MySQL environments.

Data Analyst - GR Network

Mar 2024 to May 2024, Chennai

- Performed **data mining and analysis** to identify trends in student performance.
- Developed **interactive dashboards** for monitoring academic progress and risk indicators.
- Applied **machine learning and predictive models** to forecast student outcomes.
- Improved **student retention** through data-driven early warning systems.
- Enabled **personalized learning paths** and **targeted interventions** based on performance analytics.

Resilience is not a trait. It is my Operating System.